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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/009,674	12/06/2001	Arnold Oliphant	3142.2.8	8264		
21552	7590 02/03/	004	EXAM	IINER		
MADSON &	METCALF	HEINRICH, SAMUEL M				
GATEWAY T	OWER WEST					
SUITE 900		ART UNIT	PAPER NUMBER			

DATE MAILED: 02/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Examiner ## Art Unit   1725  ## Time MAILING DATE of this communication appears on the cover sheet with the correspondence address → Period for Reply ## A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE of THIS COMMUNICATION.  ## BEAUTION OF THIS COMMUNICATION   The Mailing date of this communication   13 CPR   130(a)   In no event, however, may a raphy be firred yif filed after 50 (kg) MONTHS from the mailing date of this communication. If the period for reply settlind from the set of celerated period for reply will, by activate, cause the application to become ## ABANDONED (35 U.S. C. § 13); a communication   13 CPR   13 CPR	S. Patent and Trademark Office TOL-326 (Rev. 1-04)	Office Act	ion Summary		Part of Paper No./Mail Date 8
Samuel M Heinrich 1725  - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION Extensions of time may be available under the more variety of the statutory minimum of thinty (30) days will be considered timely It the period for reply sectiod above is liss short intry (30) days, a reply within the statutory minimum of thinty (30) days, will be considered timely It is predicted to reply within the set or extended above is liss short intry (30) days, a reply within the statutory minimum of thinty (30) days, will be considered timely It is predicted by the discommunication It is predicted by the discommunication of the statutory minimum of thinty (30) days, will be considered timely It is predicted by the discommunication of the statutory minimum of thinty (30) days, will be considered timely It is predicted by the discommunication of the statutory minimum of thinty (30) days, will be considered timely It is predicted by the discommunication of the statutory minimum of thinty (30) days, will be considered timely The statutory review of the statutory minimum of thinty (30) days, will be considered timely The statutory review of the statutory minimum of thinty (30) days, will be considered timely The statutory review of the statutory minimum of thinty (30) days, will be considered timely The statutory review of the statutory relation to the statutory minimum of thinty (30) days, will be considered timely.  - The statutory review of the statutory relation is become advantage.  - The statutory review of the statutory relation is non-final.  - The statutory review of the statutory of the statutory review of the statutory of the	<ol> <li>Notice of References Cited (PTO-892)</li> <li>Notice of Draftsperson's Patent Drawing</li> <li>Information Disclosure Statement(s) (PTO Paper No(s)/Mail Date 3.6.</li> </ol>		5) 🔲	Paper No(s)/Mail Da Notice of Informal P	ate
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Samuel M Heinrich    T25			oriority under 35	U.S.C. § 119(a)	)-(d) or (f).
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Application/Control Number: 10/009,674

Art Unit: 1725

### **DETAILED ACTION**

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5, 22, 23, 26, 27, and 30 are rejected under 35 U.S.C. 102(b) as being anticipated by USPN 4,902,378 to Ouderkirk et al. Ouderkirk et al describe laser fluences of up to 25 mJ/cm2/pulse (column 7, first paragraph). Ouderkirk et al particularly describe carbon black at a quantity of 1/41 parts by weight (1/(37 + 3 + 1)), and describe 193 nm wavelength (Example 1, columns 17 and 18).

### Allowable Subject Matter

Claims 6, 7, 15, 24, and 25 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 8-21, 28, and 29 are allowable over the prior art of record.

### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samuel M Heinrich whose telephone number is 571-272-1175 where the examiner can normally be reached on M-F

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas G Dunn can be reached on 571-272-1171.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Samuel M Heinrich Primary Examiner Art Unit 1725

Samuel M He